

ABSTRACT OF THE DISCLOSURE

Disclosed in a non-contacting electric potential sensor capable of being readily reduced in its size, which includes a detecting electrode, an
5 electrically-conductive movable shutter, and a driving unit for driving the electrically-conductive movable shutter. The detecting electrode is to be placed facing a measurement object whose electric potential is to be measured. The electrically-conductive movable shutter is
10 disposed so as to be movably located in a spacing formed between the detecting electrode and the measurement object when the detecting electrode is placed facing the measurement object, so that an exposure degree of the detecting electrode against the measurement object can
15 be controlled. The driving unit includes a current injecting unit for selectively injecting current into the electrically-conductive movable shutter in a direction approximately perpendicular to a moving direction of the electrically-conductive movable shutter.